

Transmission Connection Applications

RGLG

23rd January 2024



Generation Applications			
Unit	Connection Level	User's Name	Maximum Export Capacity (MW)
Curraghmulkin Wind Farm	Transmission	Dooish Wind Farm Ltd	42
Aught Wind Farm	Transmission	Aught Wind Farm Limited	37.2
Pigeon Top Wind Farm	Transmission	Pigeon Top Wind Farm Limited	51.6
EP Kilroot GT7	Transmission	EP NI Energy Limited	299
EP Kilroot GT7 OCGT (Increased MEC)	Transmission	EP NI Energy Limited	51
EP Kilroot GT West	Transmission	EP Kilroot Limited	500
North Channel Wind 1_A	Transmission	SBM Inc	500
North Channel Wind 1_B	Transmission	SBM Inc	500
Ballylumford D Station (CCGT)	Transmission	EP Ballylumford Limited	350
Tamnamoney Solar PV Farm	Transmission	Elgin Energy Es Co Limited	55



Interconnector Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
LirIC – HVDC Interconnector	Transmission	TI LirIC Ltd	500/730

Large Demand Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
Atlantic Hub Data Centre	Transmission	Atlantic Hub Property Limited	80

Battery Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
Derrymeen Battery Storage	Transmission	Heron Storage Limited	100 / 100
Colinglen Battery Storage	Transmission	Hannahstown BESS Ltd	50 / 50
Tureagh Battery Storage	Transmission	Lagan Energy (Ballyvallagh) Limited	50/50
Brown's Bay Battery Storage	Transmission	Green Energy Hub NI Ltd	150 / 150
Limavady Battery Storage	Transmission	Limavady BESS Ltd	75 / 75
Brown's Bay Battery Storage	Transmission	Green Energy Hub NI Ltd	150 / 150



Synchronous Condenser Applications			
Unit	Connection Level	User's Name	Maximum Export/Import Capacity (MW)
Coolkeeragh High Inertia Synchronous Compensator Stability Project	Transmission	Statkraft Ireland Limited	0 / 8
Coleraine High Inertia Synchronous Compensator Stability Project	Transmission	Statkraft Ireland Limited	0 / 8
Rasharkin Synchronous Condenser	Transmission	Northern Grid Services Limited	0 / 6
Gort 110 kV Synchronous Condenser	Transmission	Green Frog Power (Gort) Limited	0/3.5
Dromore Synchronous Condenser	Transmission	Western Grid Services Limited	0/8
Rasharkin Synchronous Condenser	Transmission	Northern Grid Services Limited	0 / 5.9



Transmission Network Developments

RGLG



Network Projects Update

- **North-South Interconnector - ECD 2027**
- **Mid Antrim Reinforcement** in Part 2 of Grid Development Process, stakeholder engagement ongoing, **ECD 2029**
- **Omagh – Dromore Uprate** completed
- **Drumnakelly – Tamnamore Uprate** TNPP submitted, **ECD 2028**
- **Moyle Reinforcement** TNPP draft determination received, **ECD 2027**
- **Cam substation extension** TNPP submission shortly, **ECD 2029**
- **North and West Reinforcement** options report commencing shortly, **ECD 2030 at earliest**
- **North Sperrin Generation Substation** Optioneering commencing
- **Mid Tyrone Reinforcement** TNPP submission in April, **ECD 2030 at earliest**
- **Larne transformer uprate** – project approved, detailed design underway ECD 2026
- **Coolkeeragh – Strabane uprate** – optioneering underway
- **Limavady and Coleraine transformer upgrade** – optioneering underway



Network Projects Update

- **TDPNI** – SONI consultation closed – 13 responses received
- **FAQ** Process under review this year
- **Transmission Clusters** - work commencing
- **Ongoing work with NIEN** monitoring Plan (TDPNI Working Group) and identifying deficiencies and risks – appointing programme managers on both sides

